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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/489,629	01/24/2000	Richard H. Lamb	201385	6064

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Phillip M Pippenger
Leydig Voit & Mayer Ltd
Two Prudential Plaza Suite 4900
180 North Stetson
Chicago, IL 60601-6780

EXAMINER

VU, THONG H

ART UNIT	PAPER NUMBER
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2142

DATE MAILED: 08/10/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/489,629

Applicant(s)

LAMB ET AL.

Examiner

Thong H. Vu

Art Unit

2142

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 April 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-33 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-33 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>4/05</u> | 6) <input type="checkbox"/> Other: _____ |

Art Unit: 2142

1. Claims 1-33 are pending.
2. Claims 1 and 17 have been amended. The Final Action is appropriate.

In view of the Appeal Brief filed on 4/14/2005, PROSECUTION IS HEREBY REOPENED. A new ground of rejection is set forth below.

To avoid abandonment of the application, appellant must exercise one of the following two options:

- (1) file a reply under 37 CFR 1.111 (if this Office action is non-final) or a reply under 37 CFR 1.113 (if this Office action is final); or,
- (2) request reinstatement of the appeal.

If reinstatement of the appeal is requested, such request must be accompanied by a supplemental appeal brief, but no new amendments, affidavits (37 CFR 1.130, 1.131 or 1.132) or other evidence are permitted. See 37 CFR 1.193(b)(2).

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-33 are rejected under 35 U.S.C. § 102(e) as being anticipated by Shambroom [2001/0020274 A1].

Art Unit: 2142

3. As per claim 1, Shambroom discloses a method of controlling at a gateway computing device access of a client machine to a desired resource hosted on a destination server, the desired resource being of at least one material type selected from the group including audible materials, readable materials and viewable materials [Shambroom, web server, gateway server, destination server, Fig 3 and 8] comprising the steps of:

(a) at the gateway computing device receiving handshaking packets from the client machine having as a destination address with the destination server [Shambroom, handshake, 0059];

(b) redirecting (i.e.: proxying) network communications, including the steps of:

redirecting the handshaking packets by rewriting the destination address in the handshaking packets IP headers to route the packets to an access controlling web server that is remote from the client, the gateway, and the destination server [Shambroom, the Kerberos server or access control server, gateway server, client and destination server, Fig 3 and Fig 8-10];

receiving a content request packet from the client machine at the gateway destined for the destination server intended to retrieve the desired resource from the destination server [Shambroom, extracts the content of the credentials cache and URL encodes the contents, 0084];

at the gateway redirecting the content request packet by rewriting the destination address in the packet IP header to route the packet to the access control web server [Shambroom, gateway and Kerberos, 0107,0111,0112,0125];

(c) receiving a response at the gateway from the access controlling web server [Shambroom, gateway server and Kerberos server, Fig 8];

(d) at the gateway, controlling access of the client machine to the desired resource based on the response from the access controlling web server, including refusing the client machine access to the desired resource if the response from the access controlling web server indicates that the client should not have access to the desired resource and granting the client machine access to the desired resource if the response from the access controlling web server indicates that the client should have access to the desired resource [Shambroom, ticket-granting ticket, 0107].

4. Claims 17 and 33 contain the similar limitations set forth of method claim 1. Therefore, claims 17,33 are rejected for the similar rationale set forth in claim1.

5. As per claims 2,18 Shambroom discloses establishing a connection between the client machine and the destination server if the response indicates that access to the desired resource is allowable [Shambroom, ticket-granting ticket, 0107].

6. As per claims 3,19 Shambroom discloses the content request packet comprises a GET URL packet [Shambroom, URL, 0084].

7. As per claims 4,20 Shambroom discloses the response indicates that access to the desired resource is allowable if the access controlling web server does not

Art Unit: 2142

recognize the URL of the GET URL packet [Shambroom, URL, 0084; handshake, 0115].

8. As per claims 5,21 Shambroom discloses the step of refusing a connection to the destination server, and establishing instead a connection between the client machine and the access controlling web server if the response is that the access controlling web server recognizes the URL of the GET URL packet [Shambroom, URL, 0084].

9. As per claims 6,13,22,29 Shambroom discloses resending the handshaking packets and GET URL packet to the destination server transparently with respect to the client machine [Shambroom, URL, 0084].

10. As per claims 8,15,24,31 Shambroom discloses the step of determining whether to redirect network communications based on the content of a handshaking packet [Shambroom, handshake, 0115].

11. As per claims 9,16,25,32 Shambroom discloses the step of determining whether to redirect network communications comprises deciding to redirect network communications if the handshaking packet is a SYN packet directed to port 80 on the destination server as inherent feature of communication between gateway server and Kerberos server.

12. As per claims 10,26 Shambroom discloses the response indicates that access to the desired resource is allowable if the access controlling web server recognizes the URL of the GET URL packet [Shambroom, URL, 0084; ticket-granting ticket, 0107].

13. As per claims 11,27 Shambroom discloses the step of refusing a connection to the destination server, and establishing instead a connection between the client machine and the access controlling web server if the response indicates that the access controlling web server does not recognize the URL of the GET URL packet [Shambroom, URL, 0084; ticket-granting ticket, 0107].

14. As per claims 12,28 Shambroom discloses the access controlling web server is an RSACi Web Server as inherent feature of Web server.

15. As per claims 7,14,23,30 Shambroom discloses the invention as describe above except embedding an identity token readable by the access controlling web server in the GET URL packet, wherein the identity token uniquely identifies the client machine [Shambroom, the client user key, 0067].

Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner *Thong Vu*, whose telephone number is (571)-272-3904. The examiner can normally be reached on Monday-Thursday from 8:00AM- 4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, *Andrew Caldwell*, can be reached at (571) 272-3868. The fax number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval IPAIRI system. Status information for published applications

Art Unit: 2142

may be obtained from either Private PMR or Public PMR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Thong Vu
Patent Examiner
Art Unit 2142

A handwritten signature in black ink, appearing to read 'Thong Vu', with a horizontal line underneath.